

## PATENT ABSTRACTS OF JAPAN

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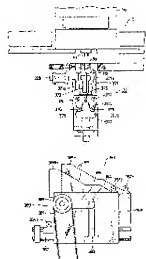
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## (54) PARTS HANDLING APPARATUS

## (57)Abstract:

PURPOSE: To make it possible to supply parts having different sizes from a conveying mechanism part to a measuring part in a simple structure, by providing a contact and a part pushing mechanism of the measuring part on both sides of the conveying path of the conveying mechanism.

CONSTITUTION: A contact 51 of a measuring part 5 and a part pushing mechanism 37 are provided on both sides of a bucket 31 of a conveying mechanism. Thus a part, which is directly measured, is pushed to the side of the contact 51 from the conveying mechanism and supplied to the measuring part 5. The part, whose measurement is finished, is returned to the same conveying mechanism. In this way, the part can be supplied to the measuring part 5 and the measured part can be conveyed by the same conveying mechanism, by using a simple mechanism. Especially, followers are provided on a plurality of part pushing-up members in correspondence with the sizes of the parts in the part pushing mechanism 37. Translation cams 365, which are slanted in the opposite directions, are used. When the cams are shifted, the parts having the different sizes can be supplied to



the measuring parts in the simple pushing mechanism.